

**CLAIMS**

- 1) System of receiving channels in a domestic environment comprising a retransmission base (B) to amplify channels captured at a point in the said domestic environment and retransmit them to a plurality of digital receivers (R) present in the said environment, characterized in that:
- each digital receiver (R) comprises means (CC) of generating and transmitting at least one channel amplification request (SG<sub>IN</sub>), each request being allocated a priority level,
  - the said retransmission base (B) comprises amplification means (A<sub>1</sub> to A<sub>N</sub>) to amplify N channels, N being greater than or equal to 2 and less than the maximum number of channels received at the point in the said domestic environment, and means of control (CG) of the said means of amplification to determine the channels to be amplified according to the channel amplification requests received in compliance with the priority levels when the number of amplification requests for different channels is greater than N.
- 2) System according to Claim 1, characterized in that the said digital receivers (R) communicate with the control circuit (CG) of the amplification means via a radio link.
- 3) System according to one of Claims 1 or 2, characterized in that the retransmission base (B) also comprises means (CG) of periodically checking whether each of the maximum N amplified channels is being used by at least one of the digital receivers in order to release the amplification means employed to amplify the unused channels.

4) System according to one of Claims 1 to 3, characterized in that the said amplification means consist of N amplification subsystems ( $A_1$  to  $A_N$ ) each comprising a filter adjustable in terms of frequency by the said control means according to the channel to be amplified and an amplifier.

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5) System according to one of Claims 1 to 3, characterized in that the said amplification means consist of N filter subsystems adjustable in terms of frequency by the said control means according to the channels to be amplified and by an amplifier connected to the output of the N filter subsystems.

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6) System according to one of Claims 1 to 5, characterized in that the channels are digital terrestrial television broadcast channels.